

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007526.D
 Acq On : 14 Dec 2018 11:15
 Operator : SY/AP
 Sample : J6322-09
 Misc : 7.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-1-120718

Quant Time: Dec 14 13:54:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

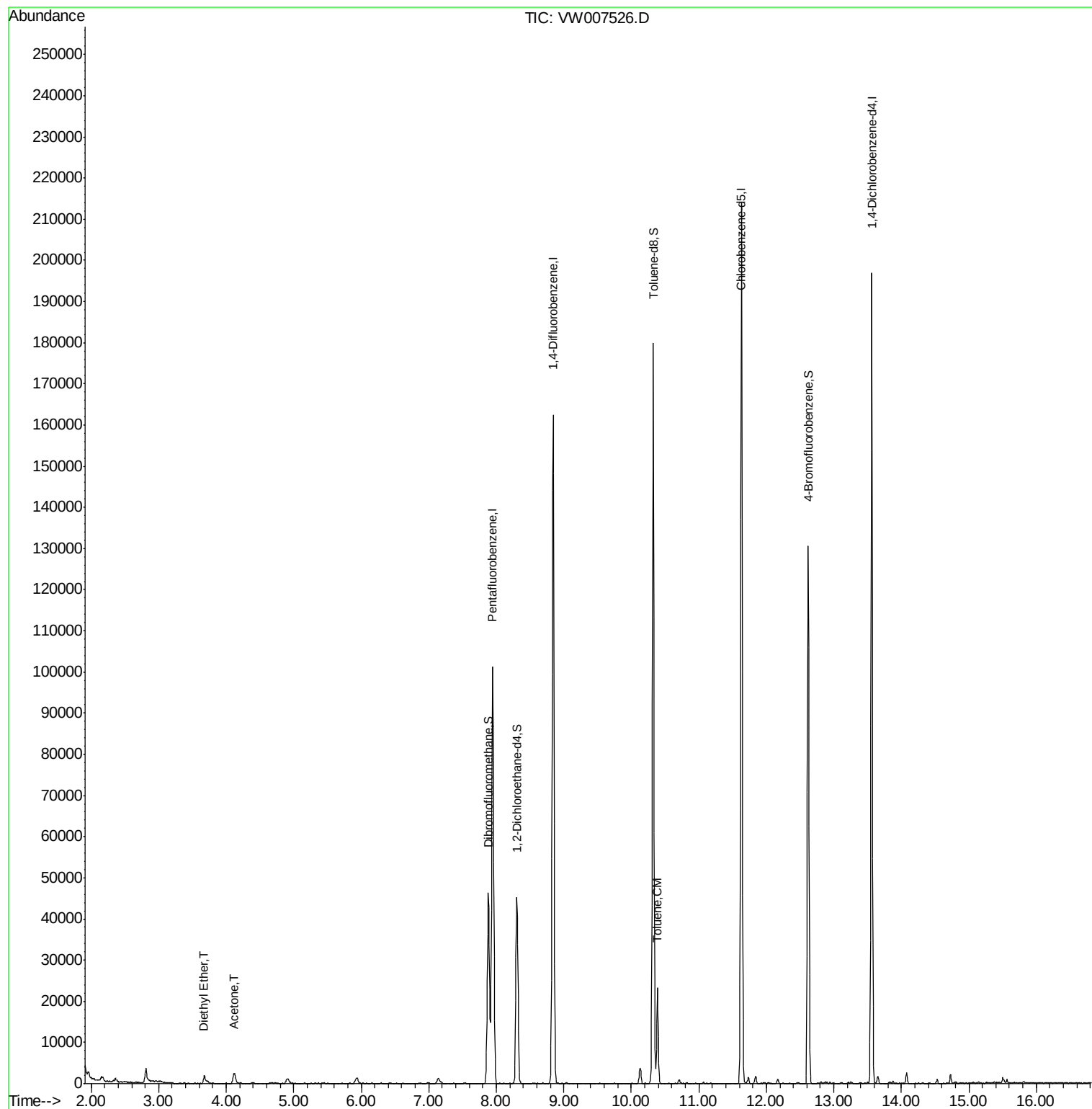
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	139378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37282	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
35) Dibromofluoromethane	7.88	113	34417	40.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.58%	
50) Toluene-d8	10.32	98	120088	37.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.92%	
62) 4-Bromofluorobenzene	12.62	95	43135	37.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.18%	
Target Compounds						
8) Diethyl Ether	3.68	74	959	2.651	ug/l	96
16) Acetone	4.11	43	4558	31.427	ug/l	94
52) Toluene	10.39	92	9819	4.300	ug/l	99

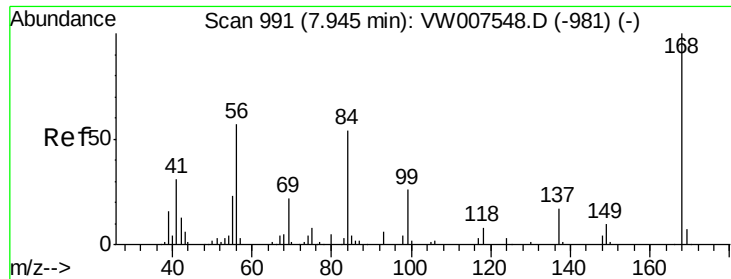
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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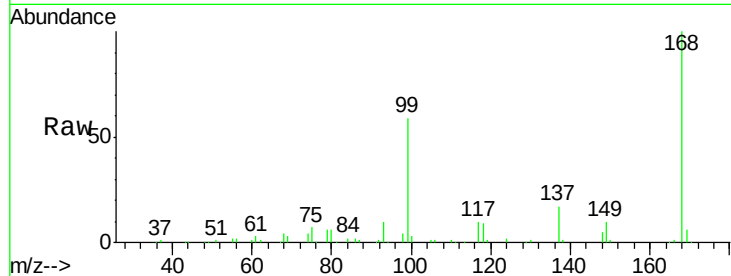
SUP-2A-G-1-120718

Tgt Ion: 168 Resp: 74844

Ion Ratio Lower Upper

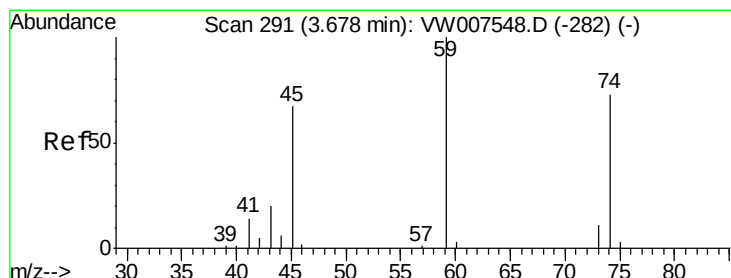
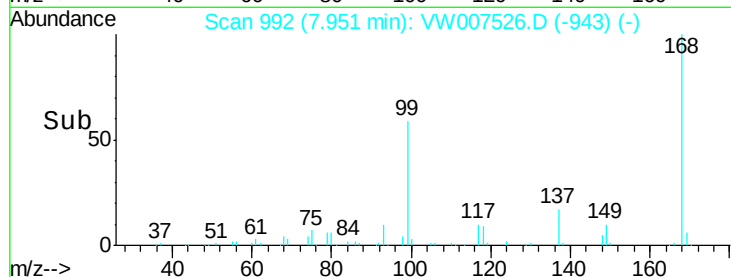
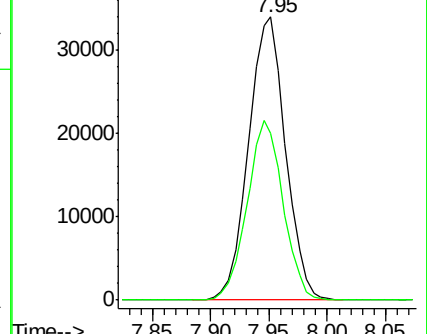
168 100

99 58.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.651 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW007526.D

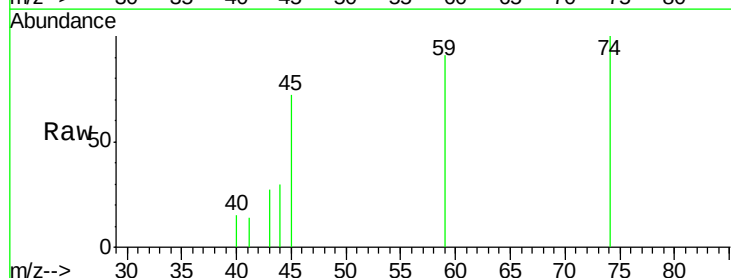
Acq: 14 Dec 2018 11:15

Tgt Ion: 74 Resp: 959

Ion Ratio Lower Upper

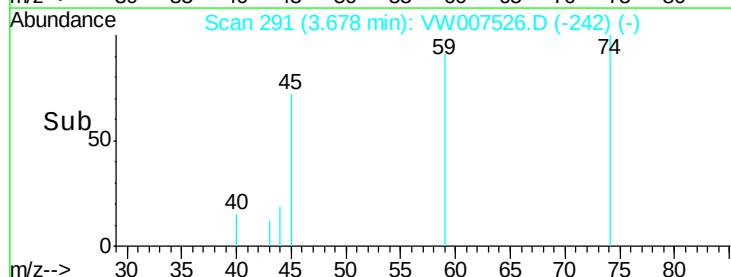
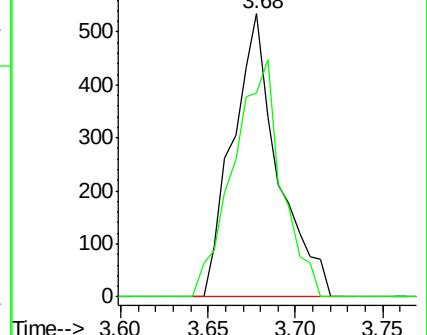
74 100

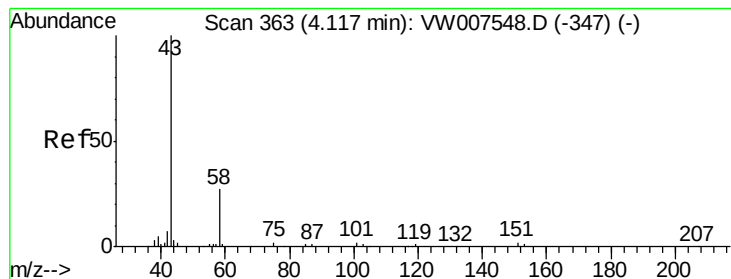
45 89.4 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 31.427 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007526.D

Acq: 14 Dec 2018 11:15

Instrument :

MSVOA_W

ClientSampleId :

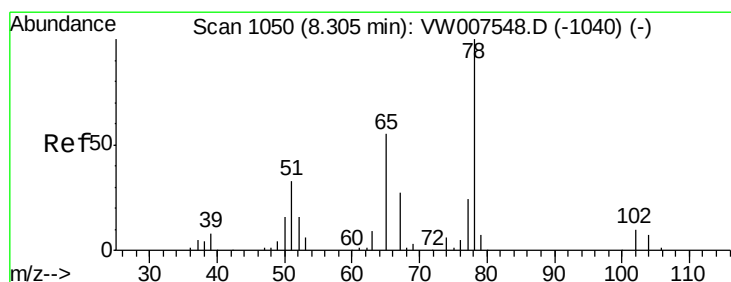
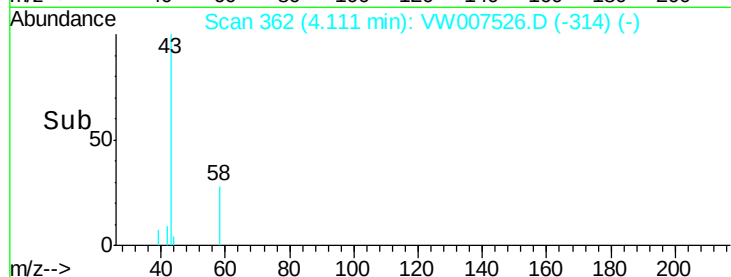
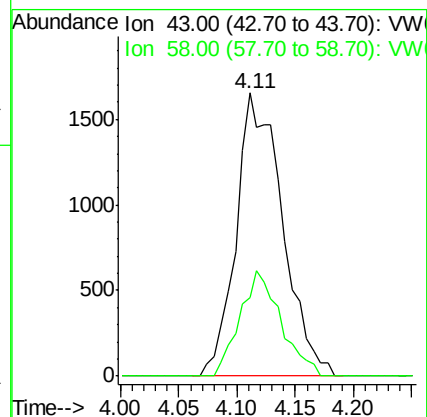
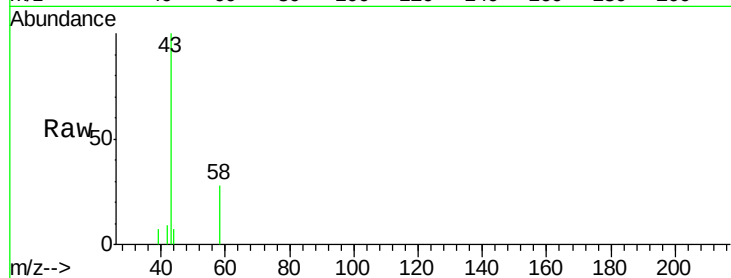
SUP-2A-G-1-120718

Tgt Ion: 43 Resp: 4558

Ion Ratio Lower Upper

43 100

58 27.8 24.9 37.3



#33

1,2-Dichloroethane-d4

Concen: 44.900 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007526.D

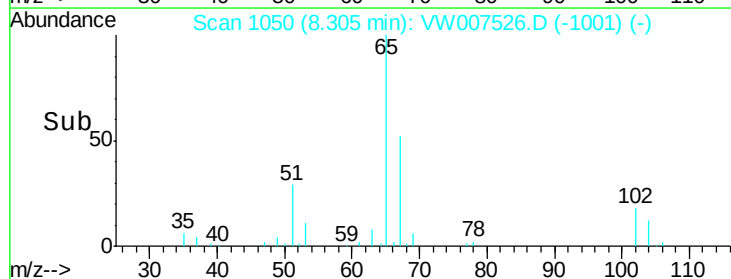
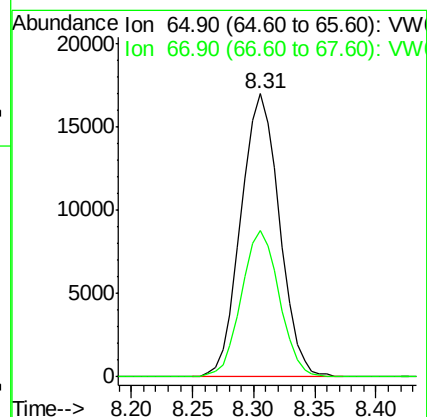
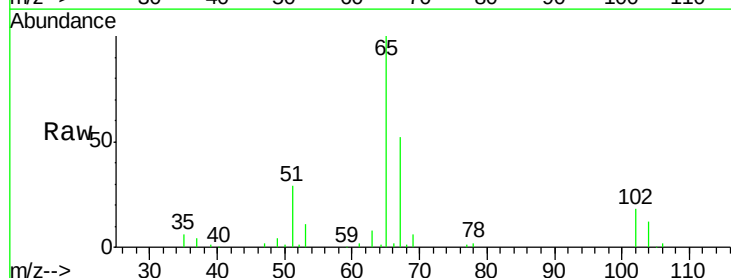
Acq: 14 Dec 2018 11:15

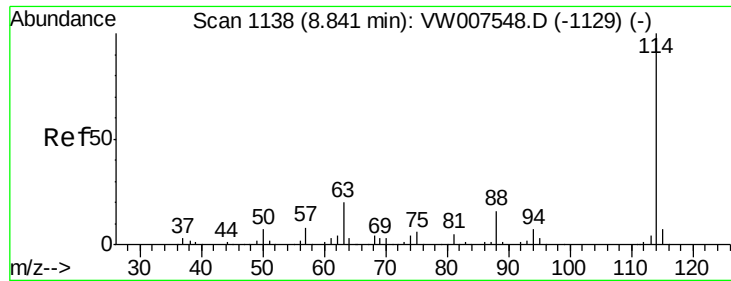
Tgt Ion: 65 Resp: 37282

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.6

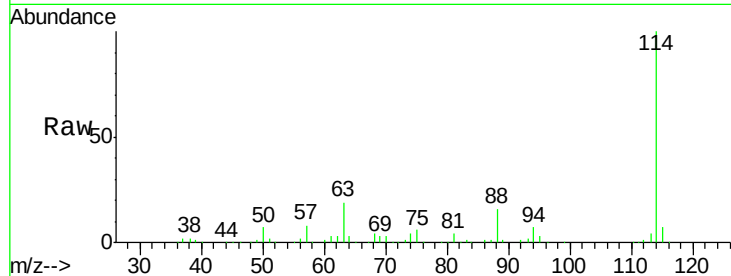




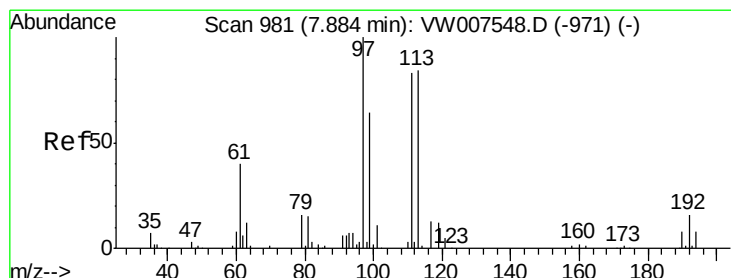
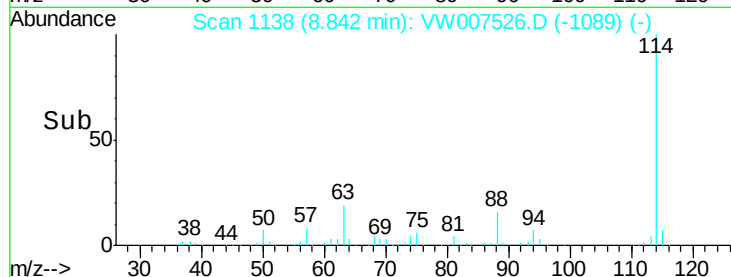
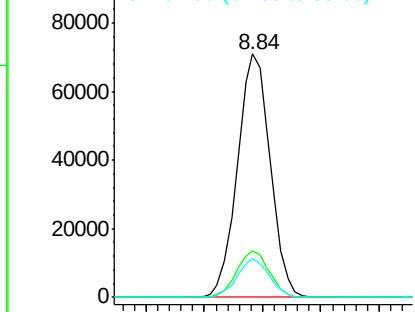
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007526.D
Acq: 14 Dec 2018 11:15

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-1-120718

Tgt Ion:114 Resp: 139378
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 16.1 0.0 31.4

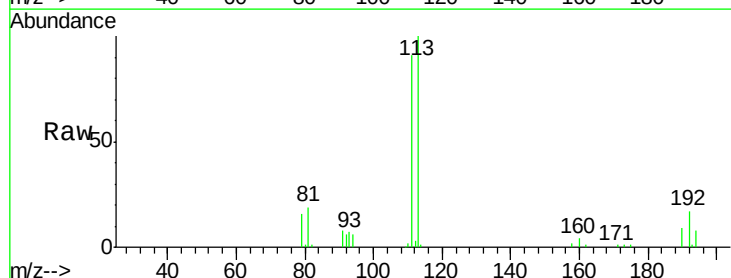


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

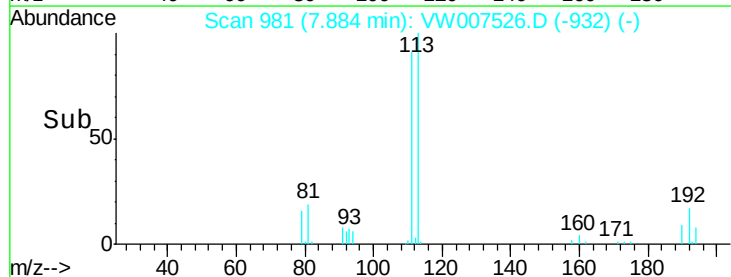
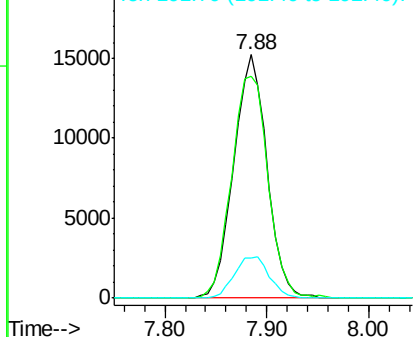


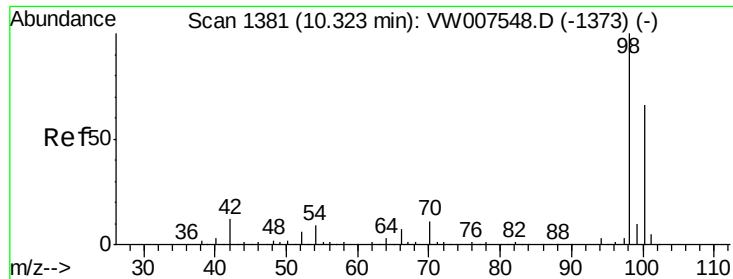
#35
Dibromofluoromethane
Concen: 40.792 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007526.D
Acq: 14 Dec 2018 11:15

Tgt Ion:113 Resp: 34417
Ion Ratio Lower Upper
113 100
111 100.1 81.1 121.7
192 18.1 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

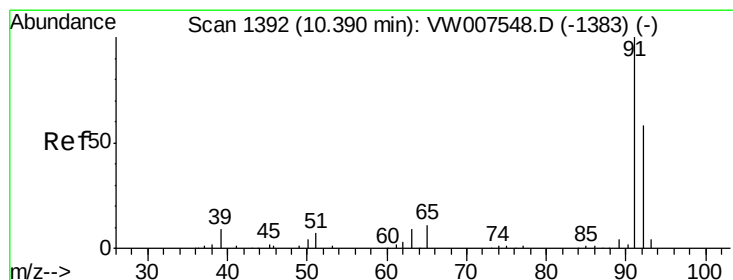
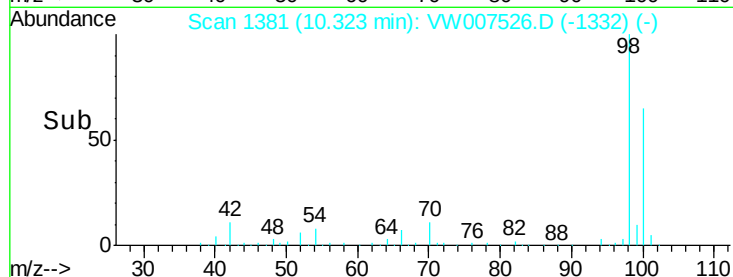
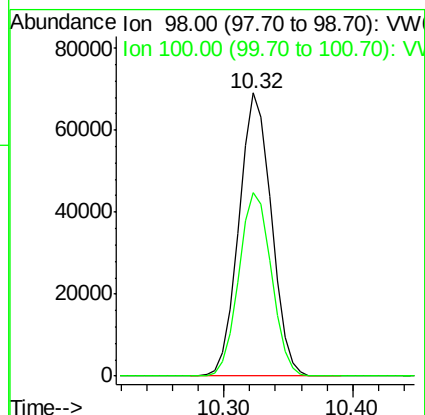
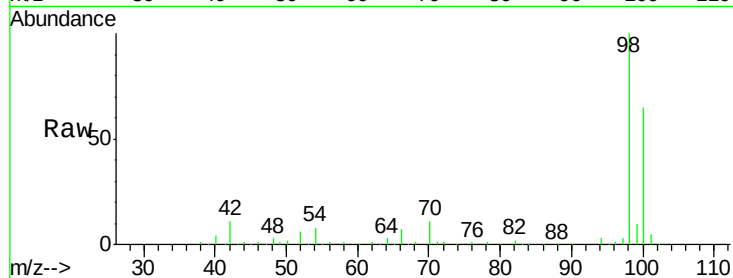




#50
Toluene-d8
Concen: 37.961 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007526.D
Acq: 14 Dec 2018 11:15

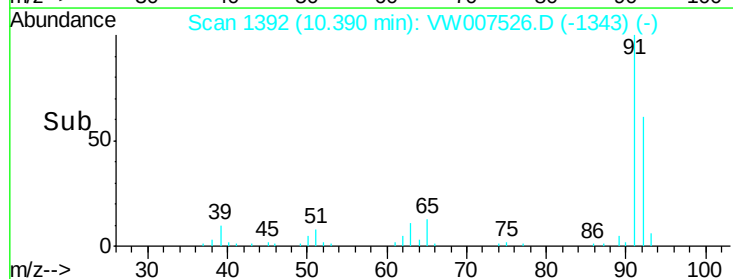
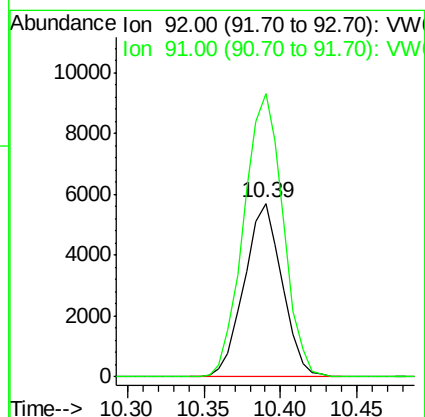
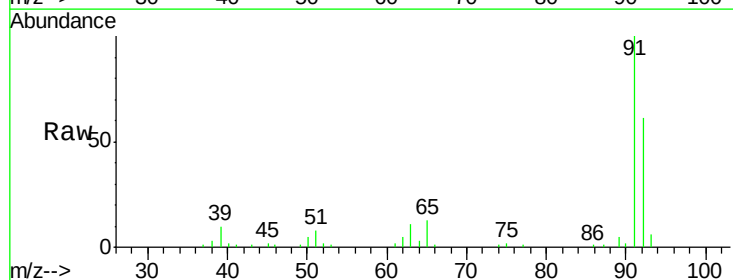
Instrument :
MSVOA_W
ClientSampleId :
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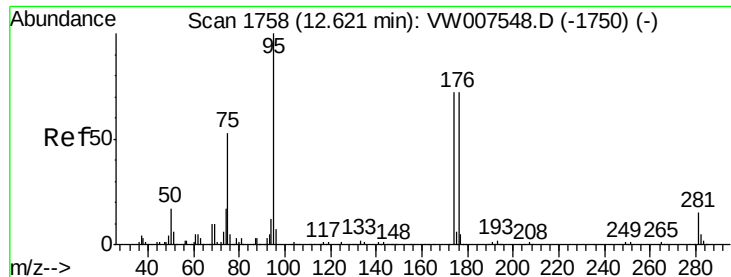
Tgt Ion: 98 Resp: 120088
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



#52
Toluene
Concen: 4.300 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007526.D
Acq: 14 Dec 2018 11:15

Tgt Ion: 92 Resp: 9819
Ion Ratio Lower Upper
92 100
91 168.8 136.2 204.2

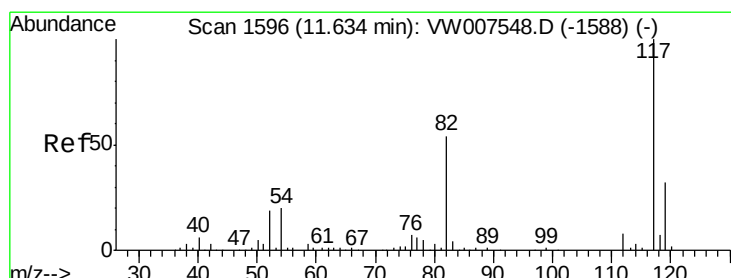
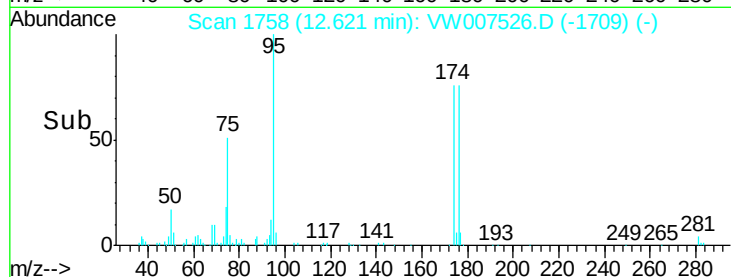
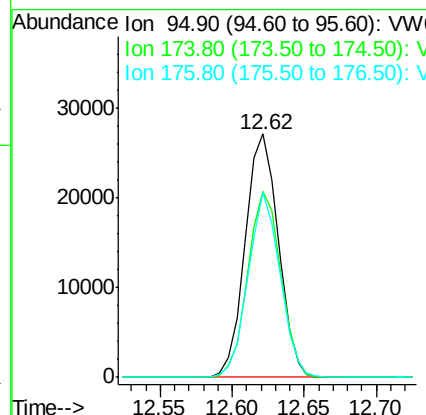
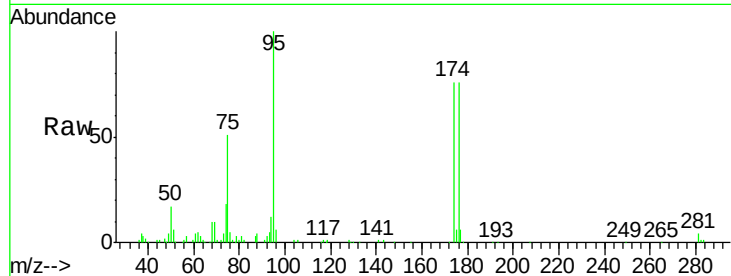




#62
4-Bromofluorobenzene
Concen: 37.086 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007526.D
Acq: 14 Dec 2018 11:15

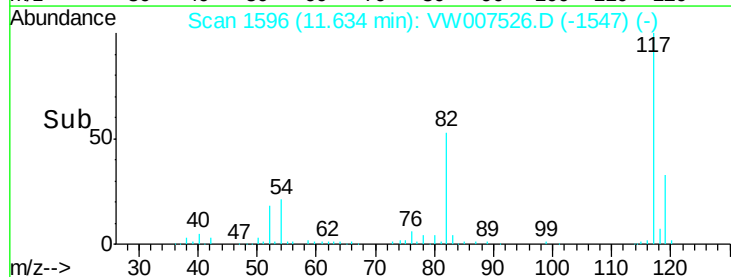
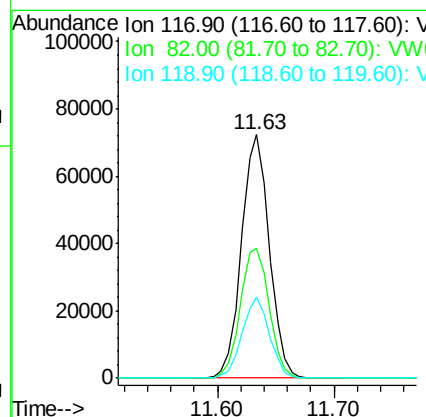
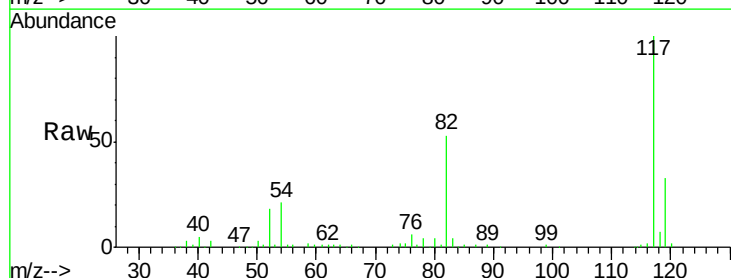
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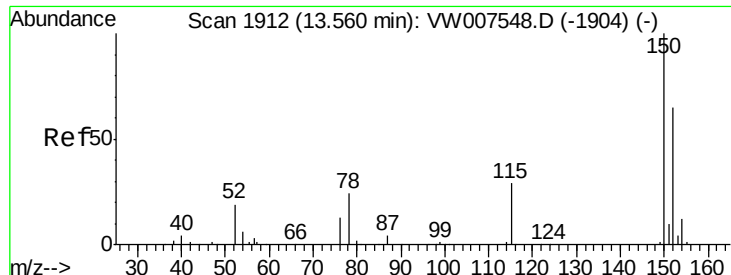
Tgt Ion: 95 Resp: 43135
Ion Ratio Lower Upper
95 100
174 76.1 0.0 147.2
176 73.0 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007526.D
Acq: 14 Dec 2018 11:15

Tgt Ion: 117 Resp: 120425
Ion Ratio Lower Upper
117 100
82 53.3 42.3 63.5
119 33.1 23.0 34.6

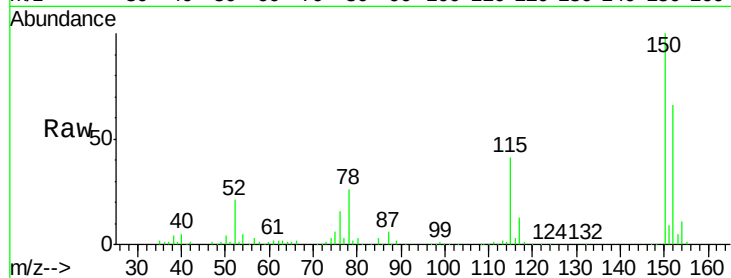




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007526.D
 Acq: 14 Dec 2018 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-1-120718

Tgt Ion:152 Resp: 51916
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.4 94.2
 150 155.7 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

